

Analog Board to Digital Board Connections

A - SIDE

1	Node 0	→ Interlock-A
	Node 2	→ Node 1
	Cal-GateP	→ Node 3
	Vref	→ Cal-GateN
10	Shift-Clock-A	→ Right Data-A
		→ EnableN
		→ ShaperA0
	ShaperA2	→ ShaperA1
	ShaperA4	→ ShaperA3
20	ShaperA6	→ ShaperA5
	ShaperA8	→ ShaperA7
	ShaperA10	→ ShaperA9
	ShaperA12	→ ShaperA11
	ShaperA14	→ ShaperA13
30	ShaperA16	→ ShaperA15
	ShaperA18	→ ShaperA17
	ShaperA20	→ ShaperA19
	ShaperA22	→ ShaperA21
	ShaperA24	→ ShaperA23
40	ShaperA26	→ ShaperA25
	ShaperA28	→ ShaperA27
	ShaperA30	→ ShaperA29
	ShaperA32	→ ShaperA31
	ShaperA34	→ ShaperA33
50	ShaperA36	→ ShaperA35
	ShaperA38	→ ShaperA37
	ShaperA40	→ ShaperA39
	ShaperA42	→ ShaperA41
	ShaperA44	→ ShaperA43
60	ShaperA46	→ ShaperA45
	ShaperA48	→ ShaperA47
	ShaperA50	→ ShaperA49
	ShaperA52	→ ShaperA51
	ShaperA54	→ ShaperA53
70	ShaperA56	→ ShaperA55
	ShaperA58	→ ShaperA57
	Vin-Bias-SA	→ ShaperA59
	- 5 V	→ 5 V
	+ 6 V	→ + 6 V
80	Ground	→ Ground

B - SIDE

80	Node 4	→ Interlock-B
	Node 6	→ Node 5
	Cal-GateP	→ Node-Ground
	Vref	→ Cal-GateN
70	Shift-Clock-B	→ Left Data-B
	RT1-1	→ EnableN
	ShaperB0	→ RT1-2
	ShaperB2	→ ShaperB1
	ShaperB4	→ ShaperB3
60	ShaperB6	→ ShaperB5
	ShaperB8	→ ShaperB7
	ShaperB10	→ ShaperB9
	ShaperB12	→ ShaperB11
	ShaperB14	→ ShaperB13
50	ShaperB16	→ ShaperB15
	ShaperB18	→ ShaperB17
	ShaperB20	→ ShaperB19
	ShaperB22	→ ShaperB21
	ShaperB24	→ ShaperB23
40	ShaperB26	→ ShaperB25
	ShaperB28	→ ShaperB27
	ShaperB30	→ ShaperB29
	ShaperB32	→ ShaperB31
	ShaperB34	→ ShaperB33
30	ShaperB36	→ ShaperB35
	ShaperB38	→ ShaperB37
	ShaperB40	→ ShaperB39
	ShaperB42	→ ShaperB41
	ShaperB44	→ ShaperB43
20	ShaperB46	→ ShaperB45
	ShaperB48	→ ShaperB47
	ShaperB50	→ ShaperB49
	ShaperB52	→ ShaperB51
	ShaperB54	→ ShaperB53
10	ShaperB56	→ ShaperB55
	ShaperB58	→ ShaperB57
	Vin-Bias-SB	→ ShaperB59
	- 5 V	→ - 5 V
	+ 6 V	→ + 6 V
1	Ground	→ Ground